

Dwight R. Mills, Inc.)	Departmental
York County)	Findings of Fact and Order
Parsonsfield, Maine)	Air Emission License
A-497-71-F-M)	Amendment #1

After review of the air emission license application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

1. Dwight R. Mills, Inc., located in Parsonsfield, Maine was issued Air Emission License A-497-71-E-R on November 1, 1999 permitting the operation of emission sources associated with their Auburn, Maine crushed stone and gravel facility.
2. Dwight R. Mills, Inc. has applied to amend their Air Emission License to include the operation of a new cone crusher to be powered by an electric motor.

B. Emission Equipment

Process Equipment

Designation	Powered	Process rate (tons/hr)	Control Device	Date of Manufacture
Cone Crusher	Electric Motor	60	Water Sprays	1970

C. Application Classification

A modification at a facility with a licensed emissions increase of under (4) four TPY for any one regulated pollutant and under (8) eight TPY for total pollutants is determined to be a minor revision and not a major or minor modification. This amendment is determined to be a minor revision and has been processed as such.

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II. BEST PRACTICAL TREATMENT

A. In order to receive a license, the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in Chapter 100 of the Bureau of Air Quality regulations. BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in Chapter 100 of the Air Regulations. BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

B. Cone Crusher

Dwight R. Mills, Inc. is proposing to add a cone crusher to the equipment inventory at their Parsonsfield, Maine crushed stone and gravel facility. The cone crusher was manufactured in 1970 and has a production rate of 60 tons per hour (ton/hr). The regulated pollutant from the rock crusher equipment is particulate emissions.

To meet the requirements of Best Available Control Treatment (BACT) for control of particulate matter (PM) emissions from the rock crusher, Dwight R. Mills, Inc. shall operate and maintain water sprays on the cone crusher. Visible emissions from the cone crusher shall be limited to no greater than 10% opacity on a 6-minute block average basis.

Dwight R. Mills, Inc. shall maintain records of water spray maintenance, which shall include the date and nature of any water spray failures, the repair measures taken and the date and action of any preventative maintenance action taken on the water sprays. Dwight R. Mills, Inc. shall also maintain a log of the cone crusher operations, which shall include the hours of cone crusher operation on a daily basis. The water spray maintenance log and the cone crusher operation log shall be kept on-site at the cone crusher.

III. AMBIENT AIR QUALITY ANALYSIS

According to the Maine Regulations Chapter 115, the level of air quality analyses required for a non major source shall be determined on a case-by case basis. Based on the information available in the file, and the similarity to existing sources, Maine Ambient Air Quality Standards (MAAQS) will not be violated by this source. An air quality analysis is not required for this amendment.

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ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License Amendment A-497-71-F-M subject to the conditions found in Air Emission License A-497-71-E-R and in the following conditions:

The following shall be in addition to condition (16) in Air Emission License A-497-71-E-R:

- (16) d. The new cone crusher shall be included in the requirements of condition (16) of Air Emission License A-497-71-E-R.

The following shall be in addition to condition (18) in Air Emission License A-497-71-E-R:

- (18) c. The new cone crusher shall be included in the requirements of condition (18) of Air Emission License A-497-71-E-R.

The following are new conditions to Air Emissions License A-497-71-E-R

- (21) Dwight R. Mills, Inc. shall keep a copy of this Order on site, and have the operator(s) be familiar with the terms of this Order.
- (22) Dwight R. Mills, Inc. shall pay the annual air emission license fee within 30 days of May 31 of each year. Pursuant to 38 MRSA 353-A, failure to pay this annual fee in the stated timeframe is sufficient grounds for the revocation of the license under 38 MRSA 341-D, Subsection 3.

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(23) This amendment shall expire concurrently with Air Emission License A-497-71-E-R.

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2003.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: **July 17, 2003**

Date of application acceptance: **July 17, 2003**

Date filed with the Board of Environmental Protection: _____

This Order prepared by, Peter G. Carleton, Bureau of Air Quality